IN THE CLAIMS:

Kindly cancel claims 5-6 and 8; please amend claim 7, and please add new claims 15 and 16, in accordance with 37 C.F.R. § 1.121 as amended and made effective July 30, 2003:

1. (withdrawn) A protein defined in the following (A) or (B):

(A) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in Sequence Listing;

(B) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in the Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.

2. (withdrawn) A DNA which codes for a protein defined in the following (A) or (B):

(A) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in Sequence Listing;

(B) a protein which has the amino acid sequence of SEQ ID NO: 8 shown in the Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.

3. (withdrawn) The DNA according to Claim 2, which is a DNA defined in the following (a) or (b):

(a) a DNA which comprises the nucleotide sequence of nucleotide numbers 1 to 1101 of SEQ ID NO: 7 shown in Sequence Listing;

(b) a DNA which is hybridizable with the nucleotide sequence of nucleotide numbers 1 to 1101 of SEQ ID NO: 7 or a probe prepared from the nucleotide sequence under a stringent condition, and codes for a protein constituting an ABC transporter.

4. (withdrawn) The DNA according to claim 3, wherein the stringent condition is a condition in which hybridization is performed at 60°C and a salt concentration corresponding to 1x SSC and 0.1% SDS.

5. (cancelled)

6. (cancelled)

7. (currently amended) ~~The~~ An isolated DNA ~~according to Claim 6, which is a DNA~~ selected from the group consisting of~~defined in the following (c) or (d)~~:

(~~c~~a) a DNA ~~which comprises~~ comprising the nucleotide sequence of nucleotide numbers 1117 to 1725 of SEQ ID NO: 7~~ shown in Sequence Listing~~;

(~~d~~b) a DNA which is hybridizable with the nucleotide sequence of nucleotide numbers 1117 to 1725 of SEQ ID NO: 7 or a probe prepared from ~~the~~ said nucleotide sequence, under ~~a~~ stringent ~~condition~~conditions, and codes for a protein having ATPase activity of an ABC transporter, wherein said stringent conditions comprise washing at 60°C and at a salt concentration of 1x SSC and 0.1% SDS.

8. (cancelled)

9. (withdrawn) A protein defined in the following (E) or (F):

(E) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing;

(F) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in the Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.

10. (withdrawn) A DNA coding for a protein defined in the following (E) or (F):

(E) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in Sequence Listing;

(F) a protein which has the amino acid sequence of SEQ ID NO: 10 shown in the Sequence Listing including substitution, deletion, insertion, addition or inversion of one or several amino acids, and constitutes an ABC transporter.

11. (withdrawn) The DNA according to Claim 10, which is a DNA defined in the following (e) or (f):

(e) a DNA which comprises the nucleotide sequence of nucleotide numbers 1759 to 2367 of SEQ ID NO: 7 shown in Sequence Listing;

(f) a DNA which is hybridizable with the nucleotide sequence of nucleotide numbers 1759 to 2367 of SEQ ID NO: 7 or a probe prepared from the nucleotide sequence under a stringent condition, and codes for a protein constituting an ABC transporter.

12. (withdrawn) The DNA according to claim 11, wherein the stringent condition is a condition in which hybridization is performed at 60°C and at a salt concentration corresponding to 1x SSC and 0.1% SDS.

13. (withdrawn) A DNA which comprises a nucleotide sequence coding for a protein having the amino acid sequence of SEQ ID NO: 8, a nucleotide sequence coding for a protein having the amino acid sequence of SEQ ID NO: 9 and a nucleotide sequence coding for a protein having the amino acid sequence of SEQ ID NO: 10.

14. (withdrawn) The DNA according to Claim 13, which has the nucleotide sequence shown as SEQ ID NO: 7.

15. (new) An isolated protein encoded by the DNA of claim 7.

16. (new) The isolated protein of claim 15, wherein said protein has the amino acid sequence of SEQ ID NO: 9.